DORGEAN
Beijing Dorgean Electronic Technology Co.,Ltd

**Instrument Expert
Original factory packaging**
www.dorgean.com

VAISALA

HMM100
Humidity Module for Environmental Chambers

Humidity Module for Environmental Chambers		SPARE CODE	HMM100	1	2	3	4	5	6
1 Output Signal	**4...20 mA, loop powered**			**1**					
	0...20 mA, 3-wire setup			**2**					
	0...1 V			**3**					
	0...5 V			**4**					
	0...10 V			**5**					
	0...10 V, 12 V error state			**6**					
	4...20 mA, loop powered, 21 mA error state			**7**					
	0...5 V, Clipping at 5.0 V			**8**					
	1...5 V			**9**					
	0...20 mA, 20 mA error state, 3-wire setup			**A**					
	0...20 mA, 21 mA error state, 3-wire setup			**B**					
	0...1 V, 1.5 V error state			**C**					
	0...5 V, 6 V error state			**D**					
	4...20 mA, 3.6 mA error state, 3-wire setup			**E**					
	4...20 mA, 21 mA error state, 3-wire setup			**F**					
2 Probe Type	**Plastic PPS, 0.65 m cable**				**1**				
•	*Plastic PPS, 1.6 m cable*				*2*				
•	*Plastic PPS, 3 m cable*				*3*				
•	*Stainless Steel, 1.6 m cable*				*4*				
•	*Stainless cable 3 m*				*5*				
•	*Plastic PPS with extension tube, 400 mm probe*				*6*				
•	*Stainless Steel, 0.65 m cable*				*7*				
3 Measured Parameter	**RH**					**A**			
	Td					**B**			
	Special, please specify parameter and scale:					**X**			
4 Humidity Sensor Type	**Humicap 180R for general purposes**						**1**		
	Humicap 180 for fast response						**2**		
	Humicap 180R without temperature compensation						**A**		
5 Sensor Protection	**Plastic grid filter**	*6221*						**A**	
	Membrane filter	*10159HM*						**B**	
	Sintered PTFE filter	*219452SP*						**C**	
•	*Sintered Stainless Steel Filter*	*HM47280SP*						*D*	
•	*Sintered Bronze Filter*	*195*						*E*	
	PPS Grid Filter with Stainless Steel Mesh	*DRW010281SP*						**F**	
6 Quick Reference Guide	**No User's Guide**								**0**
	No Manual, multipack 10 pcs For 400 mm probe only								**1**
	No Manual, single package For 400 mm probe only								**2**
	English User Guide for HMM100								**E**
	German User Guide for HMM100								**G**
	Japanese User Guide for HMM100								**J**
	Chinese User Guide for HMM100								**L**

NOTE:

Selections in bold are included in the prices of the basic versions.
• *Selections in italic are available at an extra price.*

LINKS:

User Guides
Datasheet
Vaisala.com product page

Example of order code with typical settings:

	1	2	3	4	5	6
HMM100	1	1	A	1	A	E

Related Items — **Part number**

Related Items	Part number
Membrane Filter 12,0mm	10159HM
Sintered PTFE Filter	219452SP
Mounting Bracket with Lid HMM100	225979
Module housing IP65 HMM100	226060
Probe Mounting Flange HMM100	226061
Probe Mounting Clamps (10 pcs) Probe Ø12	226067
USB Service Cable M8-4F, RS232	226068
Plastic Grid HM4660	6221
Metal Coated PPS Grid Filter with Stainless Steel Mesh, Female Thread	DRW010281SP
Sintered Stainless Steel Filter, Female Thread	HM47280SP
HUMICAP180R	HUMICAP180R